WHAT IS CLAIMED IS:

1. A method for automatically verifying a security code set in a computer whose operations are controlled by a remote controller, the method comprising the steps of:

pressing a button on an input device;

transmitting said security code data to said computer;

checking whether the set security code is matched with the transmitted security code; and

if matched, converting an operation mode of the computer into a normal mode.

2. The method of claim 1, wherein said input device is one of a remote controller, a keyboard, and a mouse.

3. The method of claim 1, wherein said input device is a remote controller.

4. The method of claim 3, wherein a shell program inside said computer for verification of said input security code data.

5. The method of claim 3, wherein the remote controller generates an instruction and a security code for remotely controlling the computer.

1 6. The method of claim 2, wherein the step of inputting the security code is automatically

2 performed when the security code verification initiation data is generated by the remote

3 controller; and wherein a user directly inputs the security code using a keyboard when the

4 security code verification initiation data is generated through another data input device.

1 7. The method of claim 1, wherein said computer comprises an operating system (OS)

2 program such as Windows to verify that the input security code matches the set security code

3 inside said computer.

1 8. The method of claim 1, wherein the function to verify a security code is provided for

2 power saving and security of the computer, and is performed just before a power state of the

3 computer is converted into a normal state from a stand-by state.

4 9. The method of claim 3, wherein the function to verify a security code is provided for

5 power saving and security of the computer, and is performed just before a power state of the

6 computer is converted into a normal state from a stand-by state.

1 10. A method for automatically verifying a security code of a multi-user computer via

2 one of a plurality of cordless remote controllers, the method comprising the steps of:

3 operating one of said plurality of remote controllers to turn on and boot said computer;

4   waiting a predetermined period of time for said computer to lapse into a stand-by mode;

5   pushing a button on one of said plurality of remote controllers to attempt to bring said

6   computer to a normal mode;

7   transmitting a password to said computer from said remote control device that attempted

8   to bring said computer back to a normal mode;

9   determining whether the remote controller used to attempt to bring said computer to a

10   normal mode is the same remote control device that booted said computer;

11   bringing said computer back to a normal mode if said remote control device used to bring

12   the computer back to a normal mode is the same remote control device used to boot the

13   computer; and

14   rebooting said computer and repeating all of the above steps if the remote control device

15   used to bring said computer to a normal mode is different from the remote control device used to

16   boot the computer.

1   11. The method of claim 10, further comprising the steps of:

2   transmitting to said computer from said one of said plurality of remote controllers a

3   password unique to said remote controller when said computer is booted;

4   saving said password of said remote controller to disk in said computer for future use;

5   and

6   comparing a password transmitted to said computer by said remote controller that is

7   attempting to resume said computer to a normal mode with said password stored in said disk to

8   determine whether the remote controller used to attempt to resume said computer to a normal

9   mode is the same remote controller used to boot said computer.

1   12.   The method of claim 11, wherein the multi-user computer includes a plurality of

2   save-to-disk storage areas for each one of said plurality of remote controllers.

1   13.   A computer being operated by a remote control device, said remote control device

2   transmitting security information to said computer to activate said computer, said computer

3   comprising:

4   a remote control signal receiver for receiving signals from said remote control device;

5   a shell program for handling and transmitting sais received signals from said remote

6   control device; and

7   a general purpose input/output unit connected between said receiver and said shell

8   program to facilitate communication therebetween.

1   14.   The computer of claim 13, said computer comprising a hierarchical structure

2   comprised of:

3   a hardware layer comprising said general purpose input/output unit and said receiver;

4   a basic input output system layer attached to said hardware layer;

5   an operating system layer connected to said basic input/output system layer; said

6   operating system layer comprising an operating system program that receives input from said

7   shell program regarding security information and determines whether security information input

8   by said remote device matches a security code stored in said computer; and

9   an application layer that comprises said shell program.

1   15. The computer of claim 13, wherein said remote control signal receiver comprises a

2   microprocessor for controlling the overall operation of the computer.

1   16. A method for resuming normal operation of a computer when a computer is in a

2   standby mode, said method comprising the steps of:

3   determining whether or not there has been any input to said computer for a predetermined

4   period of time;

5   performing a screen save function;

6   switching said computer from a normal operation mode into a standby state;

7   pushing a button on a remote wireless device;

8   transmitting security data from said remote device to said computer;

9   checking whether the security data transmitted from said remote wireless device matches

10   security data stored within said computer; and

11   reviving said computer from said standby mode to a normal operation mode if said

12   security data input from said remote wireless device matches said security data stored within said

13   computer.

1   17. The method of claim 16, further comprising the step of operating said computer from

2   said remote wireless device after said computer is restored to said normal operation mode.

1   18. The method of claim 17, further comprising the step of displaying a prompt

requesting security code data to be input to said computer.